## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Timothy M. Schmidl

Serial No.:

09/526,930

Filed:

03/16/2000

For: System And Method Of Communicating

**Using Combined Signal Parameter** 

**Diversity** 

Docket No.: TI-30734

Examiner: Kim, Keyin

Art Unit: 2611

Conf. No.: 1461

## CORRECTION OF FILING RECEIPT

April 27, 2009

Commissioner for Patents

Alexandria, VA 22313-1450

Dear Madam/Sir:

The USPTO has misspelled the inventor's name on the following listed documents which are enclosed for your convenience. Please correct the spelling from Timothy M. Schmidt to -- Timothy M: Schmidl --.

Filing Receipt

Bibliographic Data Sheet from PAIR

Assignment Data Sheet from PAIR

Notice of Allowance Form PTOL-85

Applicants also enclose a copy of the oath/declaration and assignment for your reference. Applicant respectfully requests a correct copy of the filing receipt and Issue Fee Notice.

Respectfully submitted,

Topaca .

Ronald O. Neerings

Attorney for Applicant

Reg. No: 34,227

P. O. Box 655474, M/S 3999 Dallas, Texas 75265

Texas Instruments Incorporated

(972) 917-5299

## **FILING RECEIPT** "OC000000005131570"



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| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY.DOCKET.NO | DRAWINGS | TOT<br>CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|----------------|----------|---------------|------------|
| 09/526,930         | 03/16/2000  | 2739         | 1722          | TI-30734       | 6        | 47            | 10         |

Dwight N Holmbo Texas Instruments Inc. Mail Station 3999 PO Box 655474 Dallas, TX 75265

Date Mailed: 05/22/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Timothy M. Schmidt, Dallas, TX; Anand G. Dabak, Plano, TX;

Timothy M. Schmidl, Dallas, TX;

Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/146,619 07/30/1999 WHICH CLAIMS BENEFIT OF 60/146,477 07/30/1999

Foreign Applications

If Required, Foreign Filing License Granted 05/20/2000

BEN KROULR

Title

System and method of communicating using combined signal parameter diversity

**Preliminary Class** 

370

Data entry by : BATES, DIANA

Team: OIPE

Date: 05/22/2000

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| Foreign Application (PAIR)  Li Patent Ownership  | 09/526,930                 | SYSTEM AND METHOD OF COMMUNICATING USING COMBINED SIGNAL PARAMETER DIVERSITY   | ING USING COMBINED SIG                           | NAL PARAMETER  |
| ±1         Fees           ±1         Supplemental Resources & <unnerstand< td="">         Supplemental Resources &amp;</unnerstand<> | Select Applicati           | Application fransaction mage Files Patent Term Continuity Address & Assignments Display Publication History Wrapper Extension History Data Attorney/Agent References Rev | onlinuity Address & Assig<br>Data Attorney/Agent | inments Display Publis   |
|  | <b>Bibliographic Data</b>  |  |  |  |
| Patent Information   | Application Number:        | 09/526,930 Cu  | Customer Number: 23494                           | 94   |
| Patent Couldance and General Info  Li Codes, Rules & Manuals  Li Employee & Office Directories                                       | Filing or 371 (c) Date:    | 03-16-2000 Sta   | Noti<br>Status: Appl<br>Publ                     | Notice of Allowance Mailed<br>Application Received in Office<br>Publications                                   |
| Li Resources & Public Notices  | Application Type:          | Utility Sta  | Status Date: 04-1                                | 04-15-2009   |
| Patent Searches  | Éxaminer Name:             | KIM, KEVIN   | Location: 🚺 ELEC                                 | ELECTRONIC   |
| Search Patents & Applications  | Group Art Unit:            | 2611 Loc   | Location Date:                                   |  |
| +) Search Biological Sequences   | Confirmation Number:       | 1461 Eal   | Earliest Publication No:                         |  |
| Ti Copies, Products & Services Other   | Attorney Docket<br>Number: | TI-30734 Update Ear  | Earliest Publication Date: -                     |  |
| Copyrights   | Class / Subclass:          | 375/299 Schmid Pat   | Patent Number:                                   |  |
| Trademarks<br>Policy & Law   | First Named Inventor:      | Timothy M. Schmidt , Dallas, TX Iss  | Issue Date of Patent:                            |  |
| Keports  | Title of Invention:        | SYSTEM AND METHOD OF COMMUNICATING USING COMBINED SIGNAL PARAMETEF DIVERSITY   | MUNICATING USING COMBII                          | NED SIGNAL PARAMETEF   |

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## NOTICE OF ALLOWANCE AND FEE(S) DUE

23404

04/17/2009

TEXAS INSTRUMENTS INCORPORATED P O BOX 655474, M/S 3999 DALLAS, TX 75265

ISSUE FEE DRAWINGS

EXAMINER KIM, KEVIN ART UNIT PAPER NUMBER 2611

APPLICATION NO

FILING DATE

FIRST NAMED INVENTOR

ATTORNEY DOCKET NO

DATE MAILED: 04/17/2009

CONFIRMATION NO.

09/526,930 -

03/16/2000 --

Timothy M. Schmidt

Schmid!

TI-30734

1461

TITLE OF INVENTION: SYSTEM AND METHOD OF COMMUNICATING USING COMBINED SIGNAL PARAMETER DIVERSITY

| APPLN, TYPE    | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO           | \$1510        | \$0                 | \$0                  | \$1510           | 07/17/2009 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

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TI Docket No TI-30734

## APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56;

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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|--|---|--|--|
| <b><u>ゴ</u>TTLE OF INVENTION: System and Metho</b>   | d of Communication Using Combined S   | ignal Parameter Diversity                                |  |
| BUSINESS IN THE PATENT AND Robby T. Holland, Reg. No. 33 Mark E. Courtney, Reg. No. 36         | T THE FOLLOWING ATTORNEYS TO PROSECUTE T<br>D TRADEMARK OFFICE CONNECTED THEREWITH<br>3,304; W. James Brady III, Reg. No. 32,080; Alan T. St<br>6,491; Dennis J. Moore, Reg. No. 28,885; W. Daniel Sv<br>36,410; Jay M. Cantor, Reg. No. 19,906; April M. Mos<br>28,228 | ewart, Reg. No. 35,373;<br>vayze Jr., Reg. No. 34,478;   |  |
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| NAME OF INVENTOR: (1)  | NAME OF INVENTOR: (2)   | NAME OF INVENTOR: (3)                                    |  |
| Timothy M. Schmidl   | Anand G. Dabak  |  |  |
| RESIDENCE & POST OFFICE ADDRESS:<br>9000 Vantage Point #737<br>Dallas, Texas 75243             | RESIDENCE & POST OFFICE ADDRESS:<br>8625 Kendall Drive<br>Plano, Texas 75025  | RESIDENCE & POST OFFICE ADDRESS:                         |  |
| COUNTRY OF CITIZENSHIP:<br>U.S.A.  | COUNTRY OF CITIZENSHIP:<br>India  | COUNTRY OF CITIZENSHIP:                                  |  |
| SIGNATURE OF INVENTOR:  Tinkly the belief  | SIGNATURE OF INVENTOR:  | SIGNATURE OF INVENTOR:                                   |  |
| DATE:<br>Mark 14, 2000   | DATE: 03/14/2000  | DATE:  |  |

### **ASSIGNMENT**

Page 1 of 1

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year:

| TITLE<br>OF<br>INVENTION                | System and Method of<br>Parameter Diversity | Communication Using Combined Signal |
|---|---|-------------------------------------|
| SIGNATURE<br>OF<br>INVENTOR<br>AND NAME | Traith, L. Lihard                           | Anand G. Dabak                      |
| DATE                                    | March 14, 2000                              | 03/14/2000                          |
| RESIDENCE<br>(City, County,<br>State)   | Dallas, Dallas County, Texas                | Plano, Collin County, Texas         |
| DATE<br>APPLICATION<br>EXECUTED         | March 14, 2000                              | C3/14/2000                          |

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